

DUNE Operations Meeting Week Of 2023-06-26

Call details are on <https://indico.fnal.gov/event/59632/>

General Information

- The purpose of the meeting is:
 - to report significant operational issues (i.e. issues which can or did degrade experiment or site operations) which are ongoing or were resolved after the previous meeting;
 - to announce or schedule interventions at sites or services;
 - To inform about recent or upcoming changes in the experiment activities or systems having a visible impact on sites;
 - to provide important news about the middleware;
 - to communicate any other information considered interesting for DUNE operations.
- Any topic requiring more than 5 minutes of discussion should be noted and then discussed at another venue
- Whenever a particular topic needs to be discussed at the operations meeting requiring information from sites or experiments, it is highly recommended to announce it by email to the dune-computing-sites list (at listserv.fnal.gov) to allow the meeting coordinators to make sure that the relevant parties have the time to collect the required information, or invite the right people at the meeting. It is requested that such topics be announced no later than COB the Friday before the next meeting."
- Relevant contacts for test beams, services, and sites below should replace the "NC" either with a status or with "NTR" (nothing to report)

Monday 26 Jun 2023

Attendance

Michael Kirby, Steven Timm, Andrew McNab, Doug Benjamin, Peter Clarke, Jonathan Hays, Elisabetta Pennachio, Wenlong Yuan

Production Calendar:

<https://calendar.google.com/calendar/u/0/r/month?cid=i7ljnj9ilk70hin7cr1l2e1kj4@group.calendar.google.com&pli=1>

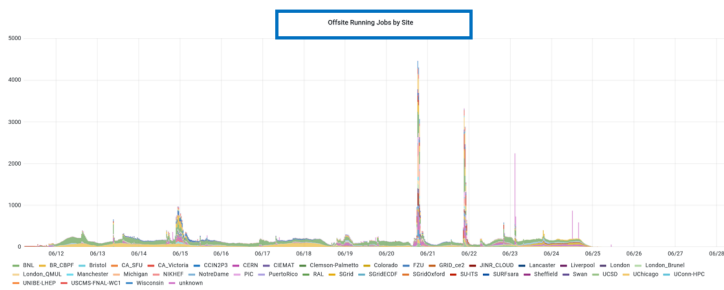
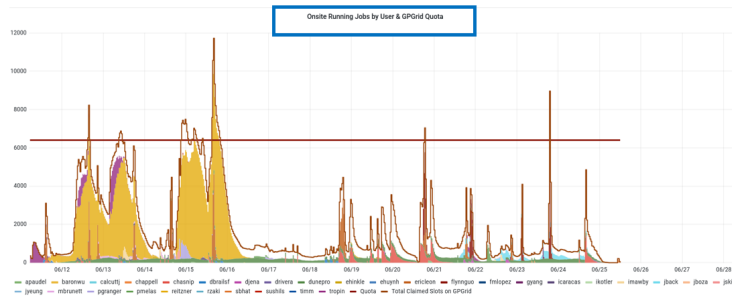
Still no request active from FD Sim and reco.

Production graphs and slides

No active production campaigns in POMS

Production report, June 26

2023-06-12 00:00:00 to 2023-06-29 00:00:00 CDT

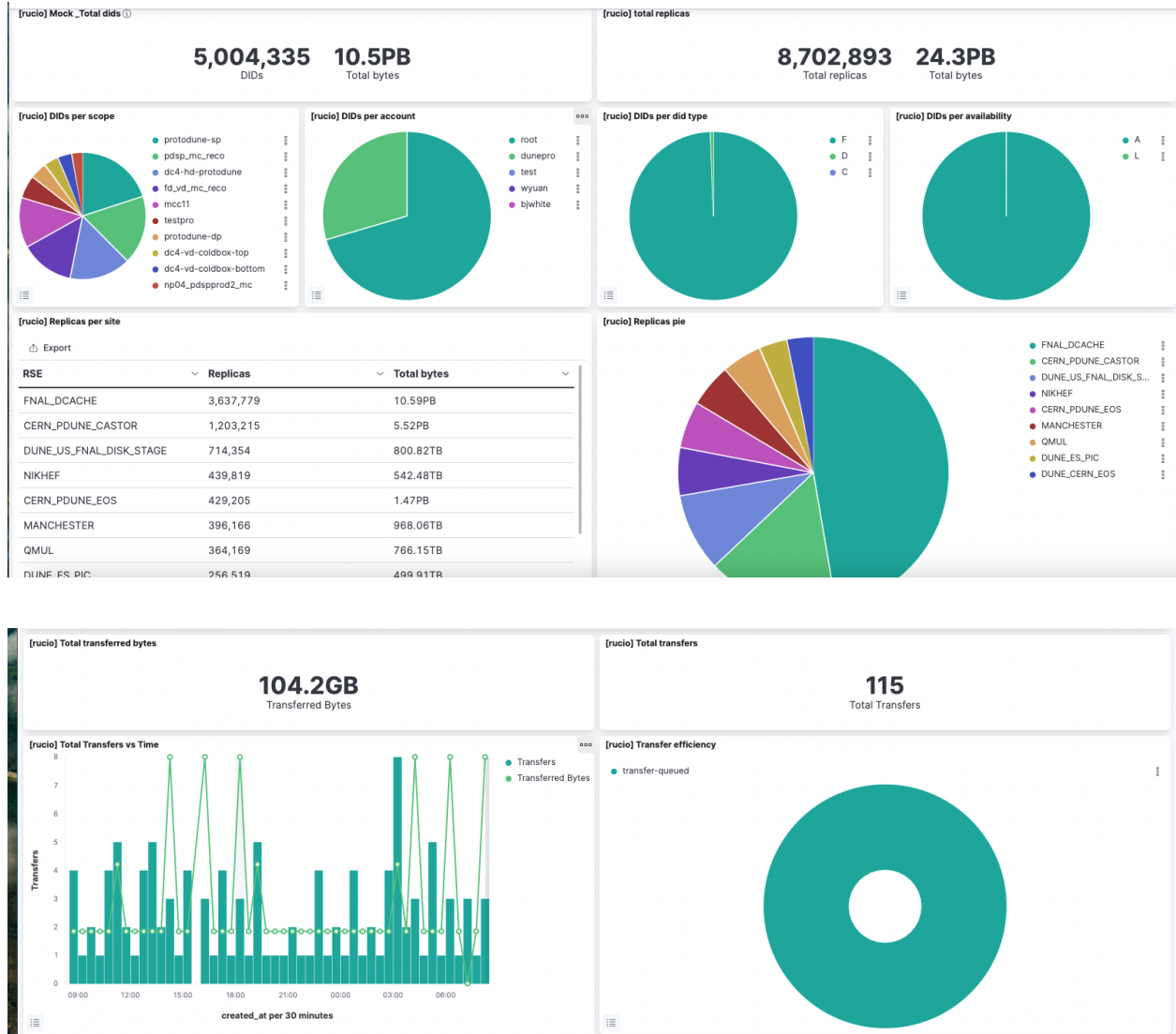


ST: are these plots including the global pool? Maybe not.

To test the declaration daemon, in poms, has been implemented a test job that does not declare metadata in SAM, but gets the file back and copies it in the dropbox with the output file

Active question from Alex Booth re. Near detector @ NERSC

Data management graphs and slides.



Announcements of Significant Operational Issues:

OSG factory hosted at UCSD has had 2 outages within the past week including until just a few minutes ago. There is a bug accessing ARC-CE sites. (new htcondor release 10.6 has a workaround for stable operations)

Doug—how much would it cost (in fTE) for DUNE to have a backup factory ST- ~ 0.3 FTE

Running Expt. Round Table

NP02: week 19-23 June: successful timing integration tests, done by feeding the WR grandmaster with DTS signals. Timestamps consistency in the 2 systems has been checked

Two dummy files (with metadata) copied on `/eos/experiment/neutplatform/protodune/dune/dropbox/np02`, to test declaration daemon

NP04: spoke with DAQ group, and there will be development to include Daphne self-triggered readout, and also WIB over ethernet. both will very likely mean a change in data format, and they will coordinate with offline when the changes occur and when test files will be available
Discussion: EP–discussed a change in the data format with Giovanna and Alessandro, is this a new change with respect to may or is it the same one. MK–thinks this is a new change.

ArgonCube 2x2: Ingest daemon for minerva pipeline working.. Now have to configure declaration daemon. There will be discussion next week about potential 2x2 Minerva reconstruction at NERSC.

TOAD: NC

DUNE Services Round Table:

Data Management: NTR

Authentication: NC

Global Pool: NC

Monitoring: NC

Workflow (justIN): Running ok. Please try out the tutorial!
<https://justin.dune.hep.ac.uk/docs/tutorials.dune.md>

AWT/ETF: NC

AWT: <https://justin.dune.hep.ac.uk/dashboard/?method=awt-results>

ETF:

https://etf-dune-prod.cern.ch/etf/check_mk/index.py?start_url=%2Fetf%2Fcheck_mk%2Fview.py%3Fview_name%3Dallhosts

Database Servers: NC

Network Matters: (Peter) Answers were put together for what LHCOne needed to put the DUNE request to the WLCG management board. They have it.. It didn't go to last management board but will go to the next one.

Sites Round Table

BR-CBPF: NC

CA-Victoria: NC

CA-SFU: Long-standing ticket resolved, CA-SFU working again.

CERN: NC

CH-BERN: NC

CZ-FZU(Prague): NC

ES-PIC+CIEMAT: NC

FR-CCIN2P3:NTR

IN-TIFR: NC

JINR: NC

NL-NIKHEF/SurfSARA: NC

UK-GridPP: (Peter: GridPP have enlisted a close liaison group with JANET – the UK NREN coordinating with data challenges) Doug—are any pre-challenges planned in the UK before WLCG 24–Peter– hasn't been brought to gridpp project management board. Kirby–there had been some discussion that in this year if there is no operation of np02 and np04 we may organize our own challenge after the DOE is done. ST: “Dress rehearsal” rather than data challenge.

Edinburgh: NC

Manchester: Ok

RAL-Tier1: NC

RAL-PP: NC

QMUL: NC

Liverpool: NC

Durham: NC

Oxford: NC

Bristol: NC

Sheffield: NC

Imperial: NC

Brunel: NC

Lancaster: NC

Other:

US-BNL: NTR

US-FNAL:

Enstore/dCache: NTR

Jobsub_Lite: NTR

Batch Clusters: NTR

Computing Access: NTR

Wiki/Documentation: NTR

US-HEPCloud (NERSC): Discussions with Alex Booth re. ND production

US-OSG-Opportunistic: NC

Review of github issues <https://github.com/DUNE/dist-comp/issues>

